

**Department for Environmental Protection
Division of Waste Management
2001 County Annual Report Summary**

NELSON

SW Coordinator Brad Spaulding

Full-time

Disposal				MANDATORY Collection				Recyclables		
		Avg. \$ per Ton:	\$23.36			Avg. \$ per Month per Household	\$9.44			
Disposal Facility	Permit#	#Tons	\$Per Ton	Collection Sys	Primary(P)	Monthly \$	#	%	Accepted	Amount Unit
NELSON COUNTY FISCAL CO	09000001	42,332.70	\$23.36	DOOR-TO-DOOR/FRANCHISE	S	\$9.00	425	3.05	COMPOST MTLs/ YARD WASTE	642.41 TONS
				DOOR-TO-DOOR/FRANCHISE	S	\$8.25	520	3.73	METALS FERROUS (STEEL...)	667.67 TONS
				MUNICIPALLY OWNED	S	\$10.50	4,400	31.53	NEWSPRINT	150.00 TONS
				MUNICIPALLY OWNED	P	\$10.00	8,600	61.64	PLASTICS NS NONSPECIFIC	5.69 TONS
Totals:		42,332.70		Total Households Participating:				13,945	99.94	
				Total Households:				13,953		
				Tons:				1,465.77	Units:	Zero
				Tires:				Zero		

Open Dumps			
Dumps	Tons	Cleanup	Dumps
Cleaned	Collected	Cost	Remaining
11	28.5	\$231,250.80	2

Funds Received	
NONE	Zero
Totals:	Zero

Recycling			
Door-to-Door			
Avail?	Owner	OP Area	# of House

Enforcement			
Verbal	Warning	Citations	Court
Warnings	Letters	Issued	Actions
4	6	1	0

Fees Collected	
GARBAGE COLLECTION	\$1,176,000.00
LANDFILL USER FEES	\$2,025,020.24
PROCEEDS FROM SALE OF RECYCLABLES	\$3,873.55
Totals:	\$3,204,893.79

Drop-off		Composting/	
#Public (Pu)	#Private (Pr)	#Public (Pu)	#Private (Pr)
2 (PU)	0 (PR)	1 (PU)	0 (PR)

Yard Waste Tons Collected		
	642.00	
Litter Costs /Bags	\$89,740.50	115.00

Educational Activity:

COLLECTION: Seminars were given to local elementary schools and groups describing Nelson County's collection program.

DISPOSAL: Tours and presentations given to groups concerning the landfill.

RECYCLING/REDUCTION: Seminars were given to local elementary schools and groups describing Nelson County's recycling program.

OPEN DUMPING/LITTERING: None reported.

ENFORCEMENT: None reported.

Special Events:

Bulky item pickup

Tire Amnesty Program

**Department for Environmental Protection
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NICHOLAS

SW Coordinator

Disposal				UNIVERSAL Collection				Recyclables			
Avg. \$ per Ton: \$22.31				Avg. \$ per Month per Household \$11.00							
Disposal Facility	Permit#	#Tons	\$Per Ton	Collection Sys	Primary(P)	Monthly \$	#	%	Accepted	Amount	Unit
MASON COUNTY	08100006	1,608.21	\$20.00	CONVENIENCE CENTER	S	Zero	78	2.88	CARDBOARD	51.83	TONS
RUMPKE OF KY MONTGOMER	08700003	2,188.78	\$24.62	DOOR-TO-DOOR/FRANCHISE	P	\$12.00	702	25.9	METALS FERROUS (STEEL...)	0.44	TONS
				MUNICIPALLY OWNED	S	\$10.00	799	29.48	NEWSPRINT	6.75	TONS
Totals:		3,796.99		Total Households Participating:			1,579	58.27	PLASTIC (MILK JUGS [HDPE])	0.17	TONS
				Total Households:			2,710		USED BEVERAGE CANS	0.17	TONS

Open Dumps			
Dumps	Tons	Cleanup	Dumps
Cleaned	Collected	Cost	Remaining
3	6	Zero	8

Funds Received	
NONE	Zero
Totals:	Zero

Recycling			
Door-to-Door			
Avail?	Owner	OP Area	# of House

Tons:	59.36	Units:	Zero
Tires:	Zero		

Enforcement			
Verbal	Warning	Citations	Court
Warnings	Letters	Issued	Actions
0	0	0	0

Fees Collected	
CONVENIENCE CENTER	\$42,365.89
PROCEEDS FROM SALE OF RECYCLABLES	\$2,644.23
Totals:	\$45,010.12

Drop-off		Composting/	
#Public (Pu)	#Private (Pr)	#Public (Pu)	#Private (Pr)
1 (PU)	0 (PR)	0 (PU)	0 (PR)

Yard Waste Tons Collected

Litter Costs /Bags	Zero	Zero
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Educational Activity:

COLLECTION: Solid waste collection services advertised through newspaper and radio.

DISPOSAL: None reported.

RECYCLING/REDUCTION: Tours offered at the Recycling/Convenience Center.

OPEN DUMPING/LITTERING: County challenges civic groups to Adopt-a-Highway. County participates and promotes Commonwealth Cleanup Week.

ENFORCEMENT: None reported.

Special Events:

Commonwealth Cleanup Week

**Department for Environmental Protection
Division of Waste Management**

2001 County Annual Report Summary

NKSWMA

Boone, Campbell, and Kenton Counties

SW Coordinator Nathan Sturm

Full-time

Disposal				MANDATORY Collection				Recyclables		
		Avg. \$ per Ton:	\$26.13			Avg. \$ per Month per Household	\$8.67			
Disposal Facility	Permit#	#Tons	\$Per Ton	Collection Sys	Primary(P)	Monthly \$	#	%	Accepted	Amount Unit

BAVARIAN LANDFILL	00800004	71,478.00	\$25.00
EPPERSONS TRASH HAULING	04100004	86,857.85	\$29.00
RUMPKE OF COLERIAN (OHIO)	OHIO	37,912.89	\$33.00
RUMPKE OF KY PENDLETON	09600001	124,530.79	\$24.00
VALLEY VIEW LANDFILL INC	11200002	1,957.68	\$31.00
WASTE MGMT OF KY INC DBA	05600028	3.34	\$14.75

Totals: 322,740.55

DOOR-TO-DOOR/FRANCHISE	S	\$8.25	30,374	24.21
DOOR-TO-DOOR/FRANCHISE	P	\$9.00	44,171	35.21
DOOR-TO-DOOR/PERMIT	P	\$8.75	20,130	16.05
DOOR-TO-DOOR/PERMIT	P	\$8.75	10,186	8.12
DOOR-TO-DOOR/PERMIT	P	\$8.25	9,602	7.65
DOOR-TO-DOOR/PERMIT	P	\$9.00	8,756	6.98
TRANSFER STATION	S	Zero	Zero	
TRANSFER STATION	S	Zero	Zero	
TRANSFER STATION	P	Zero	Zero	

Total Households Participating:

123,219 98.23

Total Households:

125,444

ANTIFREEZE / ETHYL GLYCOL	160.00	GAL
ASPHALT	200.00	TONS
CARDBOARD	8,448.60	TONS
COMPOST MTLs/ YARD WASTE	476.00	TONS
CONCRETE	350.00	TONS
GLASS	704.01	TONS
LEAD ACID BATTERIES	2,680.00	EACH
METALS FERROUS (STEEL...)	3,982.18	TONS
METALS NON-FERROUS	2,489.29	TONS
MIXED RESIDENTIAL PAPER	18.48	TONS
MOTOR OIL	7,595.00	GAL
NEWSPRINT	3,909.10	TONS
OFFICE PAPER MIXED	165.00	TONS
OFFICE PAPER WHITE	7,462.00	TONS
PESTICIDE CONTAINERS	1.00	TONS
PLASTIC (2 LTR POP BTLS [PET]	211.66	TONS
PLASTIC (MILK JUGS [HDPE])	289.31	TONS
PRINTER TONER CARTRIDGES	160.00	UNITS
TIRES	88,383.00	TIRES
USED BEVERAGE CANS	729.38	TONS

Tons: 29,436.01 Units: 10,595.00

Tires: 88,383.00

Open Dumps			
Dumps	Tons	Cleanup	Dumps
Cleaned	Collected	Cost	Remaining
116	0	\$111,783.77	175

Funds Received

CCW	TIRE GRANT	\$4,487.40
CONSERVATION	KSW9 GRANT	\$7,450.00
SAM'S CLUB FOUR	GRANT	\$1,000.00

Totals: \$12,937.40

Recycling			
Door-to-Door			
Avail?	Owner	OP Area	# of House
<input checked="" type="checkbox"/>	CI	CO	2000
	CI	CC	12736
	CI	CI	35056
	CI	CI	41736

Enforcement			
Verbal	Warning	Citations	Court
Warnings	Letters	Issued	Actions
50	212	3	5

Fees Collected

CHARGE FOR TIRE COLLECTION	\$143.50
LANDFILL USER FEES	\$131,518.06
SALE OF RECYCABLES	\$2,352.72

Totals: \$134,014.28

Drop-off		Composting/	
#Public (Pu)	#Private (Pr)	#Public (Pu)	#Private (Pr)
12 (PU)	14 (PR)	(PU)	(PR)

Yard Waste Tons Collected

Zero

Litter Costs /Bags \$15,975.00 4,550.00

Educational Activity:

Special Events:

**Department for Environmental Protection
Division of Waste Management**

NKSWMA

SW Coordinator Nathan Sturm

Full-time

2001 County Annual Report Summary

Boone, Campbell, and Kenton Counties - cont'd

A Northern Kentucky Solid Waste Coordinator was involved in the following activities:

1. Solid Waste Educator continued to offer school programs. (see below).
2. Great American Cleanup—assisted with Covington event. Obtained tree saplings from Campbell County Conservation Service for Kenton County and City of Covington.
3. Assisted several NKSWMA cities with garbage collection/illegal dumping issues.
4. Formed the Technical Advisory Committee Solid Waste Education Sub-Committee to oversee the implementation of a full-year school outreach program. Developed a SW Education Standards Packet to standardize the presentation of basic solid waste management strategies for the NKSWMA.
5. Facilitated the Waste Tire Grant during Commonwealth Cleanup Week for all eight counties of the NKADD.
6. Aided Kenton County in developing a better enforcement procedure and the administrative aspects to the Kentucky Certified Clean County Program.
7. Participated in the Conservation District Residential Development Roundtable Series of workshops.
8. Articles for the Advisor, a publication of the NKADD. Topics included promotion of County Cleanup events, litter cleanups, Solid Waste Educator programs and Education Standards Packet, CRIK, Ongoing outreach efforts, and Waste management statistics for NKSWMA.
9. Conducted/attended various regular meetings including the NKSWMA Governing Body, NKSWMA Technical Advisory Committee, Kenton County Enforcement Committee, Solid Waste Coordinators of Kentucky (SWaCK), Regional Ozone Coalition, UK Extension Agricultural Water Quality Committee, Friends of Covington, Greater Cincinnati Earth Day Coalition, Regional Sustainability Partnership, Florence Office—DEP Solid Waste Coordinators, Environmental Quality Commission, Northern Kentucky City/County Management Association, and CRIK meetings.
10. Conducted waste audit for Drawbridge Inn on behalf of the Izaak Walton League "Shallow Footprints Campaign" in cooperation with Cinergy and the Kentucky Pollution Prevention Center.
11. NKSWMA acted as resource for Cincinnati Bell Yellow Pages in implementing the 2001 Phone Book Recycling Program. Curbside recycling or drop box programs allowed outdated telephone books in the bin. Other residents could drop off phone books at phone center store in Florence Mall.
12. Attended NK Independent Health Department HHW Action Coalition meetings about conducting a household hazardous waste collection event.
13. Participated in "Waterific" meetings to conduct a "round-robin" educational event centered around water concepts. (see presentations below)
14. Participated in the Northern Kentucky Environmental Education Alliance; two events were conducted for teachers: Teachers Reception, and Outdoor Classroom Workshop.
15. NKSWMA maintained an Internet Web Site for solid waste in Northern Kentucky at <http://www.nkadd.org> (click on solid waste.)
16. The NKSWMA Solid Waste Coordinator produces, films, and hosts a local cable access television show called "Waste Watch" shown twice/week on local government access channels. Subscription for InterMedia is approximately 140,000 households in Boone, Campbell, and Kenton Counties.
17. The NKSWMA Solid Waste Coordinator logged most requests and questions that came into the office in 2001. Approximately 230 calls were logged in '01. All callers were sent the Resource Guide including a stamped return postcard survey.
18. NKSWMA Resource Guide updated and distributed to citizens at various exhibits, mail outs, and all events conducted by Campbell, Kenton, and NKSWMA.
19. Brochures on Collection/Disposal System, Litter/Illegal Dumping Penalties, Facility Siting, and Recycling were distributed.
20. Northern Kentucky Fall Cleanup & Spring Cleanup flyer developed and distributed.
21. Distributed thousands of the NKSWMA pencils with 3R message.
22. Ohio River Sweep conducted & material distributed.
23. Distributed Kentucky Pollution Prevention Center information pertaining to pollution prevention and waste reduction including CD-ROM.
24. Articles & PSAs for the media on various activities, events, & subjects.

B. Presentations/Seminars/Workshops—The NKSWMA worked to educate a variety of audiences in 2001. The following is a listing of those presentations.

1. Outreach conducted by NKSWMA Coordinator
 - a) Presentation to 60 members of Cub Scout Troop at St. Henry Church.
 - b) Booth at Earth Day event at Sawyer Point-3,000 people.
 - c) Meeting presentation for NK Public Works Association.
 - d) Organized and presented at Waterific for 1300 students from three schools. (see appendix I)
 - e) Campbell County 4-H Environmental Day Camp—round-robin type presentations to multiple schools over seven days.
 - f) Caywood Elementary School 75 4th graders.
 - g) Booth at Senior Expo. Event conducted by the Area Agency on Aging.
2. Solid Waste Educator, Michele Kline, conducted presentations at 20 schools or events in the spring of 2001. A small grant was received from the Toyota Foundation.

Campbell County SWC was involved in the following informational activities:

1. Developed and implemented two County wide clean-up programs.
2. Distributed flyers relating to two county clean-ups.
3. Conducted the Campbell County Christmas Tree Recycling Program.
4. Developed and distributed Christmas Tree Mulching Flyers.
5. Distributed Resource Guide information pertaining to waste reduction and disposal.
6. Continued White Goods disposal program for Campbell County.
7. Article in Campbell County newsletter.

Kenton County Solid Waste was involved in the following informational activities:

Abandoned Vehicle Program
Christmas Tree Recycling
City of Florence Leaf Collection
Commonwealth Cleanup Week
Creek Restoration in Ky
Detention Center Spring Cleanup
Earth Day
Fall Cleanup
Fall River Sweep
Kenton Communities Cleanup Days
River Sweep

**Department for Environmental Protection
Division of Waste Management**

2001 County Annual Report Summary

NKSWMA

Boone, Campbell, and Kenton Counties - cont'd

SW Coordinator Nathan Sturm

Full-time

1. Developed and distributed information and flyers for Christmas tree program.
2. Worked on two county cleanups within Kenton County.
3. Distributed flyers for the Fall Cleanup.
4. Worked on KCCCP dump clean-up program within Kenton County.
5. White Goods disposal program for Kenton County.
6. Answered residents' questions about solid waste.
7. Attended various solid waste meetings.
8. Distributed Doe Run Lake Clean Up flyers.
9. Distributed informational flyers for the Ohio River Sweep.
10. Continued facilitation of anti-freeze collection opportunity.

Boone County Educational Activities & New Programs:

Boone County Environmental Education Brochure for Teachers.

Columns Submitted to the Boone County Recorder "Community Enviro-Line".

Boone County Solid Waste Mgt. Environmental Resource Guide Brochure.

Boone County Solid Waste Mgt. Litterbag "Thank you for making this a litter-free event".

Boone County Solid Waste Mgt. Coloring Book.

Boone County Solid Waste Mgt. Children's Sticker "Litter Bugs Me - Pick it up!".

Boone County Solid Waste Mgt. Pocket Ashtray.

"Some people think LITTERING is no big deal.." Brochure.

Northern Kentucky Household Hazardous Waste Action Coalition - comprised of the NK Independent Health Dept., Solid Waste Coordinators from the Counties of Boone, Campbell, Kenton, Grant, City Officials, NKSWMA, and others; Education and awareness campaign for citizens with a possible HHW collection at a later date. Since the bulk of HHW is paint, oil and antifreeze, full-scale education is sought, to reduce the costs of a future HHW collection event (please see attachments for full description of the program); HHWAC Brief Program Description, School Flyer, Program Flyer, School & Civic Magnet, Boone County Web page; HHWAC Kick-off Luncheon (Metropolitan Club) - Keynote speaker: Sec. James Bickford.

Christmas Tree Recycling - newspaper article, flyer and PSA.

Boone Conservancy - brochure.

Dinsmore Environmental Education - Dinsmore Homestead (assisted in developing program - brochure).

Boone, Campbell & Kenton County Conservation District Newsletter "Landscapes".

"What's Happening in Boone County" - page 14 (Boone County events).

Assisted Kenton County in Developing their Enforcement Program.

Jackson County Recycling Coalition - Shinkle made presentation.

Natural Resources Leadership Institute: Panelist on Solid Waste Issues.

Environmental Education Alliance (formerly Northern Kentucky Environmental Educators Council) - member.

Commonwealth Cleanup Week: What's Happening in Boone County article, newspaper article and PSA (more detail is found in the special events section of this report); Boone County web page; distributed flyers to various households.

Boone County Web page - moved Burlington recycling bin.

NK Environmental Education Coalition - flyer "The World As Your Classroom" & Bus Tour for Teachers.

Dinsmore Homestead newsletter "The Dinsmore Dispatch" - page 2-3 article on education.

Boone County Webpage - Plastic Grocery Sack Recycling.

Litterbag distribution at Boone County Emergency Management Safety Fair.

Presentation to two 2nd grade classes at Florence Elementary (44 students).

Shinkle made Presentation to Cub Scouts of Burlington (7 children).

Shinkle Judged NEED (National Energy Education Development)

Project Contest for Elem., Middle & High Schools.

Shinkle made Presentation to one 1st grade class and one Kindergarten class at Burlington Elem. (88 students).

Earth Day, and Great American Cleanup: Participated in filmed segment for "Northern Kentucky Magazine" cable program; tree Bagging for Distribution with Americorp and the Boone County Jail Work Release Program, all cities of Boone plus unincorporated areas (Big Bone Park, Dinsmore Homestead, & Rabbit Hash General Store); PSA and photos and Boone County webpage; provided volunteers with Appreciation Certificates; Bavarian flyer.

Great American Cleanup - Distributed information packets to Erpenbeck Elementary, New Haven Elementary, Gray Middle School and Ryle High School.

Great American Cleanup - Cincinnati Enquirer Article, Dixie News Article, Kentucky Post Article, NK Kentucky Community Life Article.

Proclamation for Great American Cleanup - Aired on cable television (all cities and county).

City of Florence Spring Clean-Up Flyer.

Litterbag and coloring book distribution at Goodridge Elementary School.

Attended Environmental Education Workshop: Making Sense of KERA in Environmental Education.

Delivered Coloring Books and Litterbags to North Pointe Elementary School.

Submitted Litter Presentation to Sanitation District 1 for "Waterific" Education Program.

KAEE Newsletter.

Boone County Park - Summer "Concerts at Creekside" - Litterbag Distribution.

Articles appeared in "What's Happening" Summer Issue (Burning Ban, Ohio River Sweep & NO Dumping at PW Yard) page 16.

**Department for Environmental Protection
Division of Waste Management**

NKSWMA

SW Coordinator Nathan Sturm

Full-time

2001 County Annual Report Summary

Boone, Campbell, and Kenton Counties - cont'd

Boone County Recorder Article "Rinse & Return Recycling Program"

Dump Watch: New in the monthly newspaper column; citizens are notified of a high activity dumpsite and encouraged to watch the neighborhood and call 911 if suspicious activity is seen.

Recycling Scorecard: New in the monthly newspaper column; activity at the county recycling bins are rated based on the amount of clean commodity, cleanliness of the area.

Printer Cartridge & Toner Recycling – Webpage flyer and notice sent to all county & state employees.

Phone Book Recycling – Flyer.

High Point Environmental Camp (2002 flyer attached – 2001 flyer no longer available) – distributed coloring books and litterbags for event.

Ohio River Sweep – please see special events for more detail – attached: PSA, Recorder Article, Dixie New Article, Cincinnati Post Article, Boone web page showing results.

Volunteer organization (Church of Jesus Christ of Latter Day Saints) removed litter from Conner Road – Copy of Letter to the Editor, Boone County Recorder.

Connecting Students With the Earth Environmental Educators Workshop.

Waste Hauler Permits: notices & fact sheets sent to haulers.

Project Learning Tree- Environmental Education Workshop.

Splashing in Kentucky – Environmental Education Workshop.

Shinkle made presentation to Kiwanis Club of Boone County re: Solid Waste Mgt. Programs.

Kentucky Post Article.

Environmental Education Alliance Newsletter "Nature's Course".

Hosted tour of recycling center for Dewald Home Schoolers.

Assisted in the development of essential tenets for NK Education Curriculum (NKSWMA Technical Advisory Committee).

Boone County Fair: Hosted Booth: distributed literature and keepsakes.

Boone County Senior Picnic – Litter bags distributed.

CRIK Cleanup – Woolper Creek (Project developed by the NKSWMA) – scheduled litter pickup by jail crew of roadways around Woolper.

National Public Lands Day –Big Bone Lick State Park (sponsored by Toyota).

Parks Arts & Craft Show – Litterbags Distributed.

Shinkle made presentation and assisted with landfill tour (75 students from Ockerman's 5th grade classes) – Letters to landfill and pictures the students colored are included; presentation outline and handouts.

CSI of Northern Kentucky met with Shinkle to discuss teaming recycling program with recycling education in the City of Florence.

"Enviroscape" – training for environmental education.

Made presentation at Bavarian Landfill for Caywood Elementary (80 students).

Made presentation to 4th grade students of Johnson Elementary (60 students) – Litter Awareness & Civic Pride.

"What's Happening in Boone County" Publication – page 5, City of Florence Leaf Collection; page 14, Health Dept. "Leftover Paint?"; page 17, "Boone County Provides a Fall Cleanup".

Fall Cleanup: PSA and Flyer.

Fall River Sweep: PSA and Boone County web page.

Provided Litterbags for Jack-O-Lantern Walk.

Dead Animal Disposal: Shinkle scheduled meeting with Animal Shelter, Public Works, Jail, Property Maintenance, and Finance to determine needs.

Proclamation for America Recycles Day – Aired on cable television; distributed pledge cards to schools.

Senior Expo: Hosted booth (Boone County & HHWAC) – distributed brochures, magnets, etc to 1000 Seniors.

Boone County Parks "Family Day at the Park" – Litterbag Distribution.

Shinkle made presentation to NK Christian School – Recycling Program – 25 students (K-6).

Met with NKU Graduate Student – Topic for his paper was Boone County Recycling Program – Effectiveness of Privatization.

Boone County Recorder Article "Disposal of Personal Medical Waste".

New Hebron Recycling Bin – Boone County web page.

Kentucky Post Article "Recycling Still Touch Sell".

Petersburg Community Cleanup – residents cleaned embankment near community park.

Christmas Tree Recycling 2002 - PSA.

Established office paper recycling pilot program for Walton City Building and Walton Verona High School; provided guidelines to school and City.

Co-presented HHWAC Objective with Health Dept. for Northern Kentucky Superintendents' Meeting.

Received Kentucky Solid Waste Curriculum at Governor's Presentation in Louisville – Submitted to TAC Educ. Chair.

Boone County Recorder Article "Recycling Can't Be That Difficult".

Boone County Recorder Article "Horticulture Concerns – Christmas Tree Recycling".

Submitted Article to "What's Happening" for Winter Issue (to appear second week in January).

Greeting Card Recycling – Boone County Recorder Article.